

**CAYUGA COUNTY DISTRICT
PINEWOOD DERBY REGULATIONS
Est. 2008**

ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE

1. Width shall not exceed 2 ¾ inches.
2. Length shall not exceed 7 inches.
3. Weight shall not exceed 5 oz.
4. Height shall not exceed 5 inches.
5. Width between wheels must be 1 ¾ inches.
6. Bottom clearance between car and track must be 3/8 inch.
7. Front end bottom of car should not be higher than 1/2 inch where it contacts the starting post.
8. Front of car – no part of car can extend beyond the starting post.
9. Axles, wheels and body shall be made from the materials in the Official BSA Race Car Derby kit only.
No Pine Pro kits allowed, no pre-fab kits allowed, only Official BSA kits.
10. No single axels are to replace the four nails (axles) included in the kits.
11. Wheel bearing, washers, bushings and springs are **prohibited**.
12. No lubricating oil or sprays may be used. Axels may be lubricated with powdered graphite or Teflon.
13. The car shall not ride on any kind of spring.
14. The car must be free-wheeling with no starting devices.
15. No loose materials of any kind are allowed in/on/or around the car.
16. **The car's wheel base cannot be modified. Wheels must be mounted on axels using the slots provided on the bottom of the car. These slots cannot be (modified) or moved to any other location.**
17. **Wheels: the distance between axels cannot be changed and all four wheels must be in contact with a flat surface. The shape and form of the wheels cannot be modified or reshaped;** however, they may be sanded lightly to remove molding burrs. Wheels may not be tapered, rounded or machined. **Machining of wheels will disqualify the car.**
18. Cars racing this year must have been made after last year's race. Cars raced in previous years cannot be used in this year's race and will be disqualified.
19. The official scale is the scale used at any Boy Scout Pinewood Derby check in.
20. If a car interferes with another car during the race, the race will be rerun. If there is a mechanical malfunction with a car during the race, ex. tire comes off, the race is not rerun.
21. The decision of the inspector at check in/or race officials during the race is the final decision.
22. **In the interest of fairness to all participants, any parent, or scout who ignores or disobeys the Cay. Co. District Pinewood Derby rules set forth above or disobeys appropriate Scouting behavior will result in being disqualified.**

Buying pre-made cars or parents building the car is not in the best interest of the boys.

Adults are asked to only give guidance and run electrical items needed to cut out the car. Please remember that the purpose of the Pinewood Derby is to have each Scout enjoy the process of designing and making his car with the help and assistance of a parent/guardian. In a society where your son is often taught that "winning is everything", Cub Scouting teaches him to "Do HIS Best".